

Drawings

Atty. Dkt. No: A8514 BAER, et al.
USSN: 09/489,605 Allowed: 4/27/05
Art Unit: 2161 Confirmation No.: 6038
Examiner: Cam Linh T. NGUYEN
(202) 293-7060 1/34



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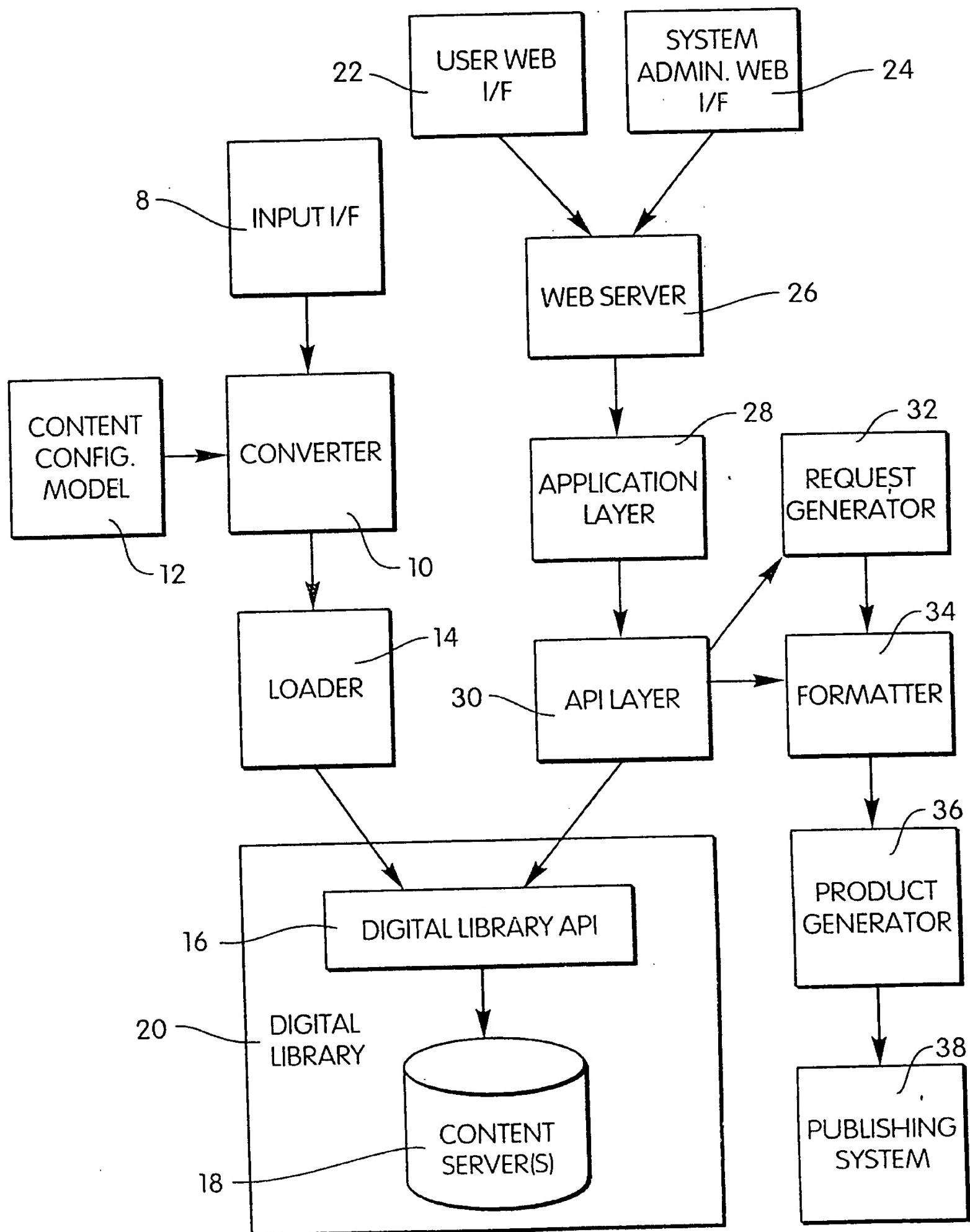


FIG. 1

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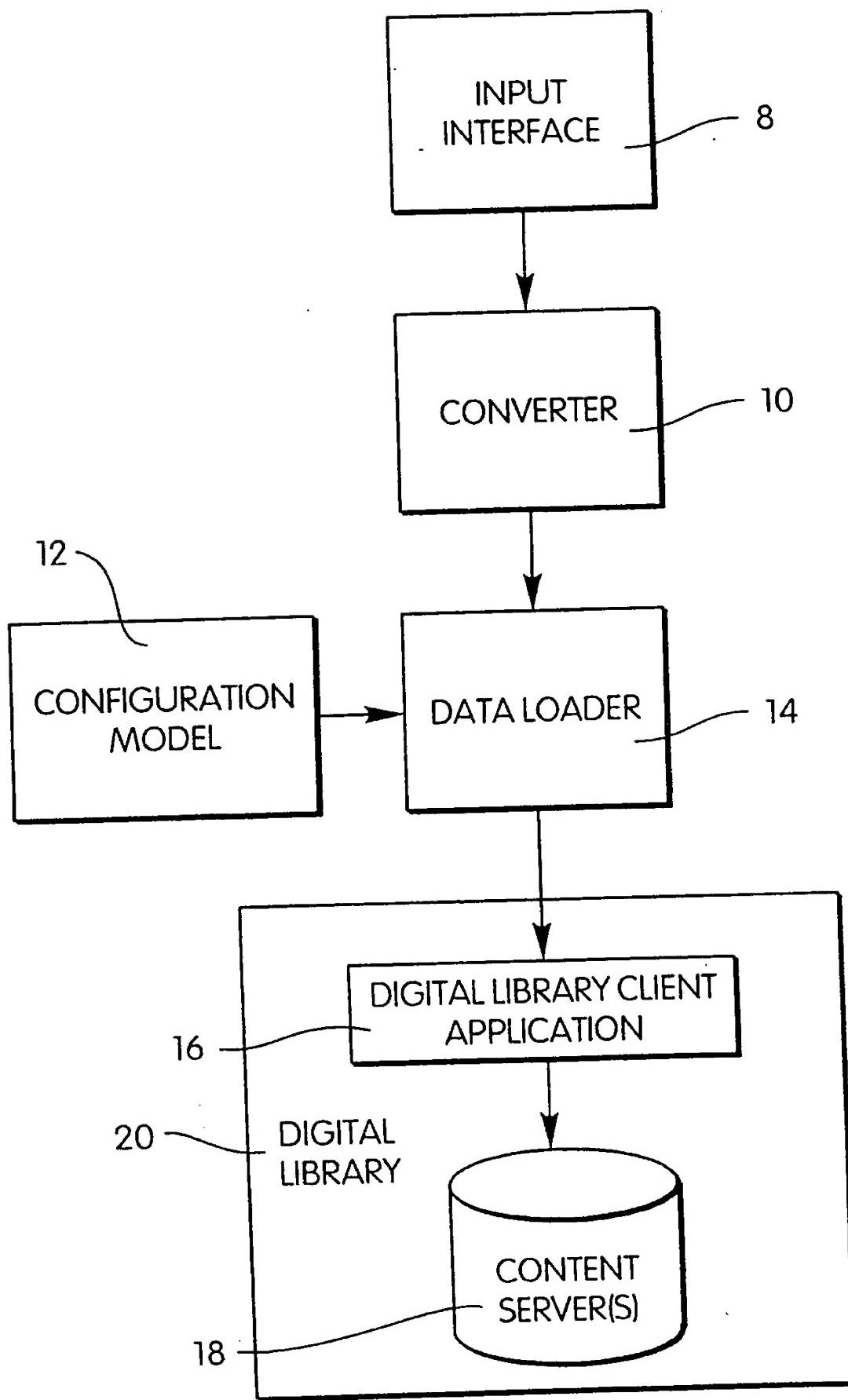


FIG. 2

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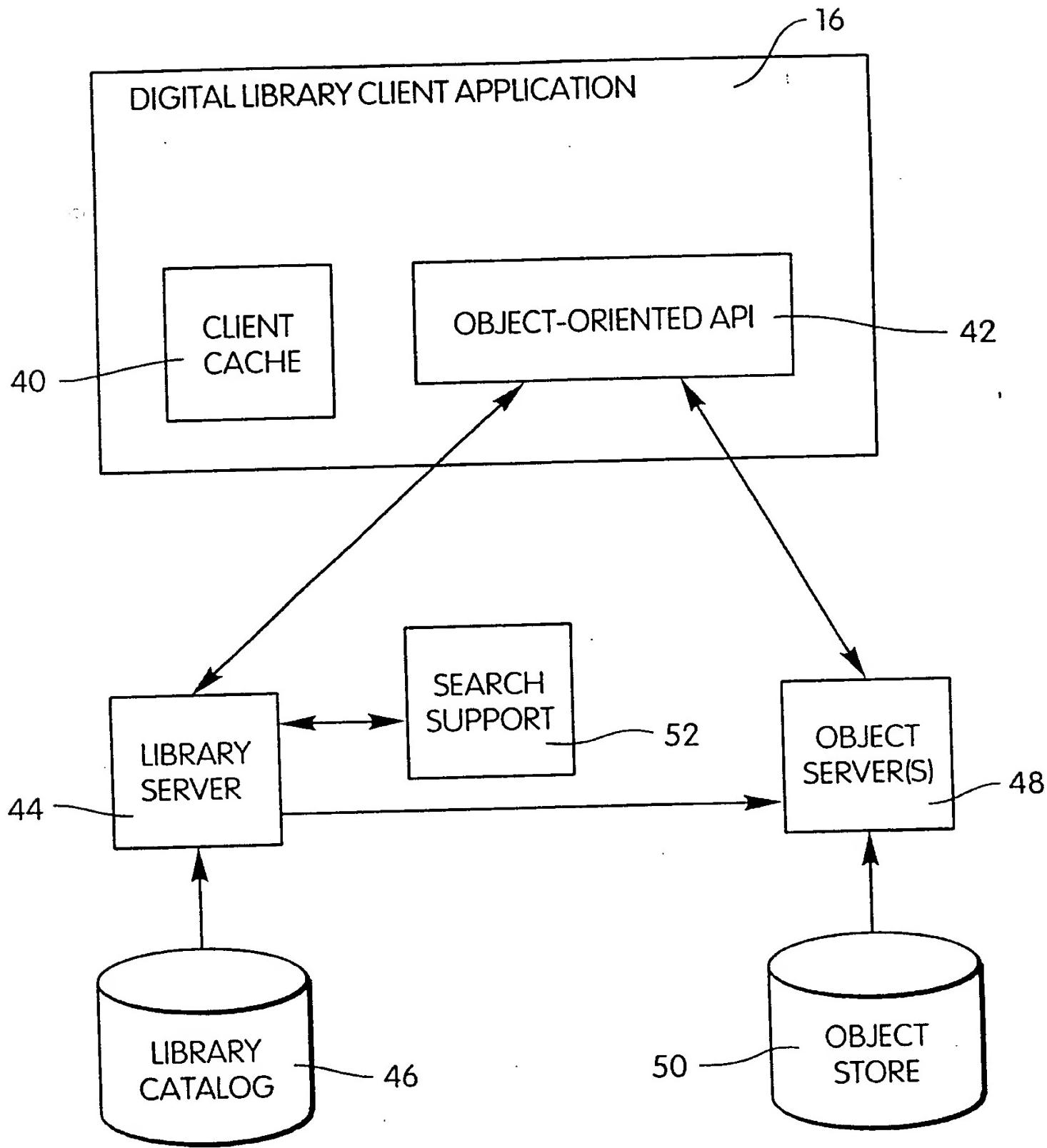


FIG. 3

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PARTS TABLE

ITEM ID	PART NUMBER	REP TYPE	OBJECT SERVER

62

OBJECT SERVER TABLE

ITEM ID	PART NUMBER	REP TYPE	FILE NAME

64

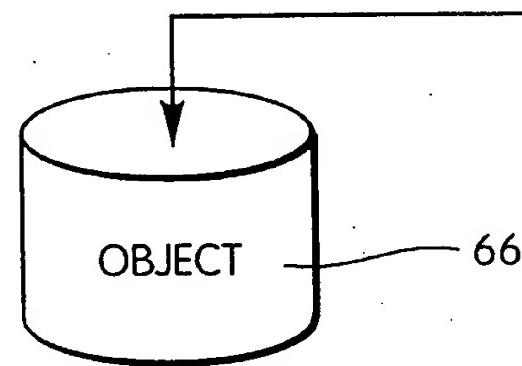


FIG. 4

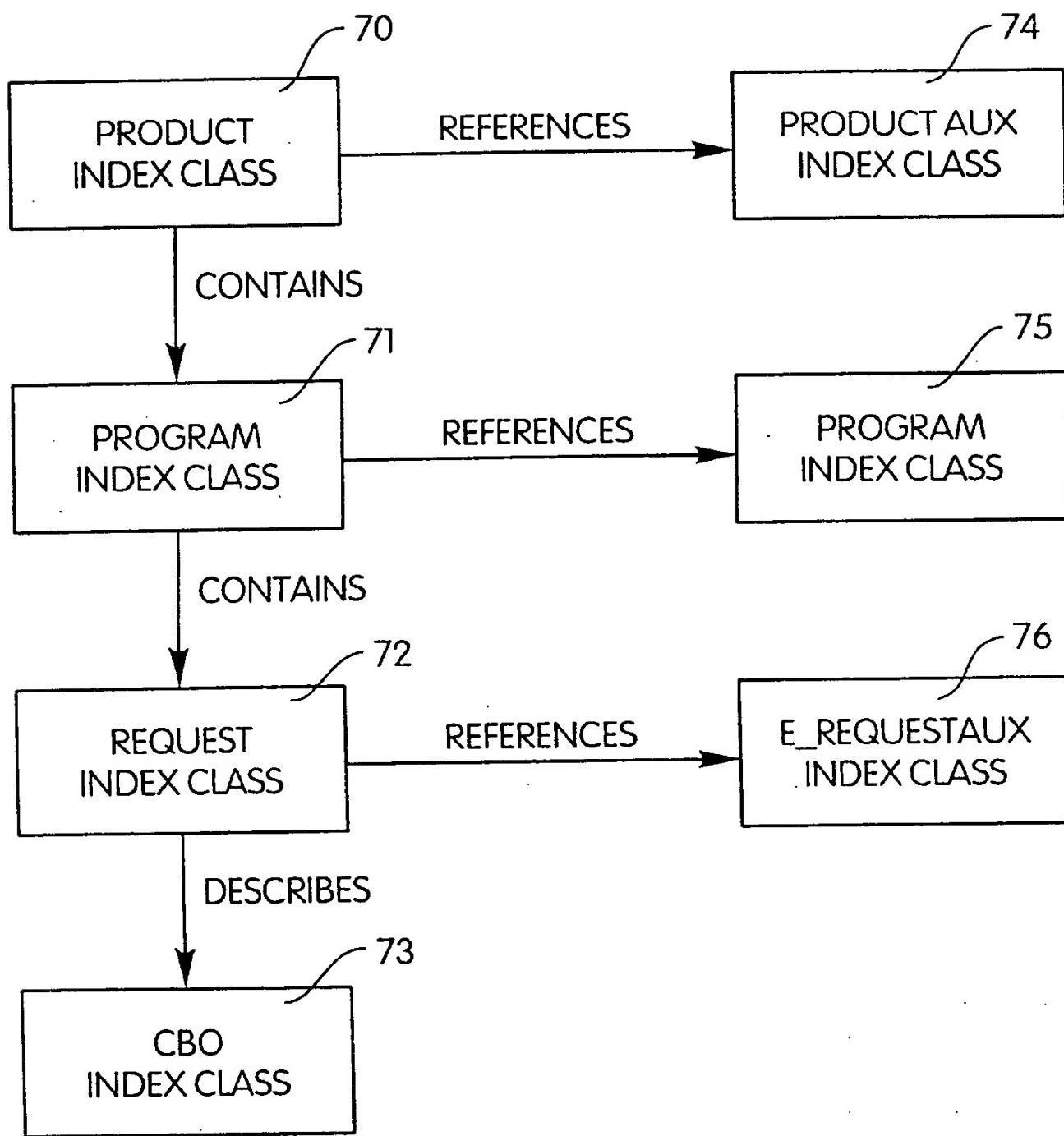


FIG. 5

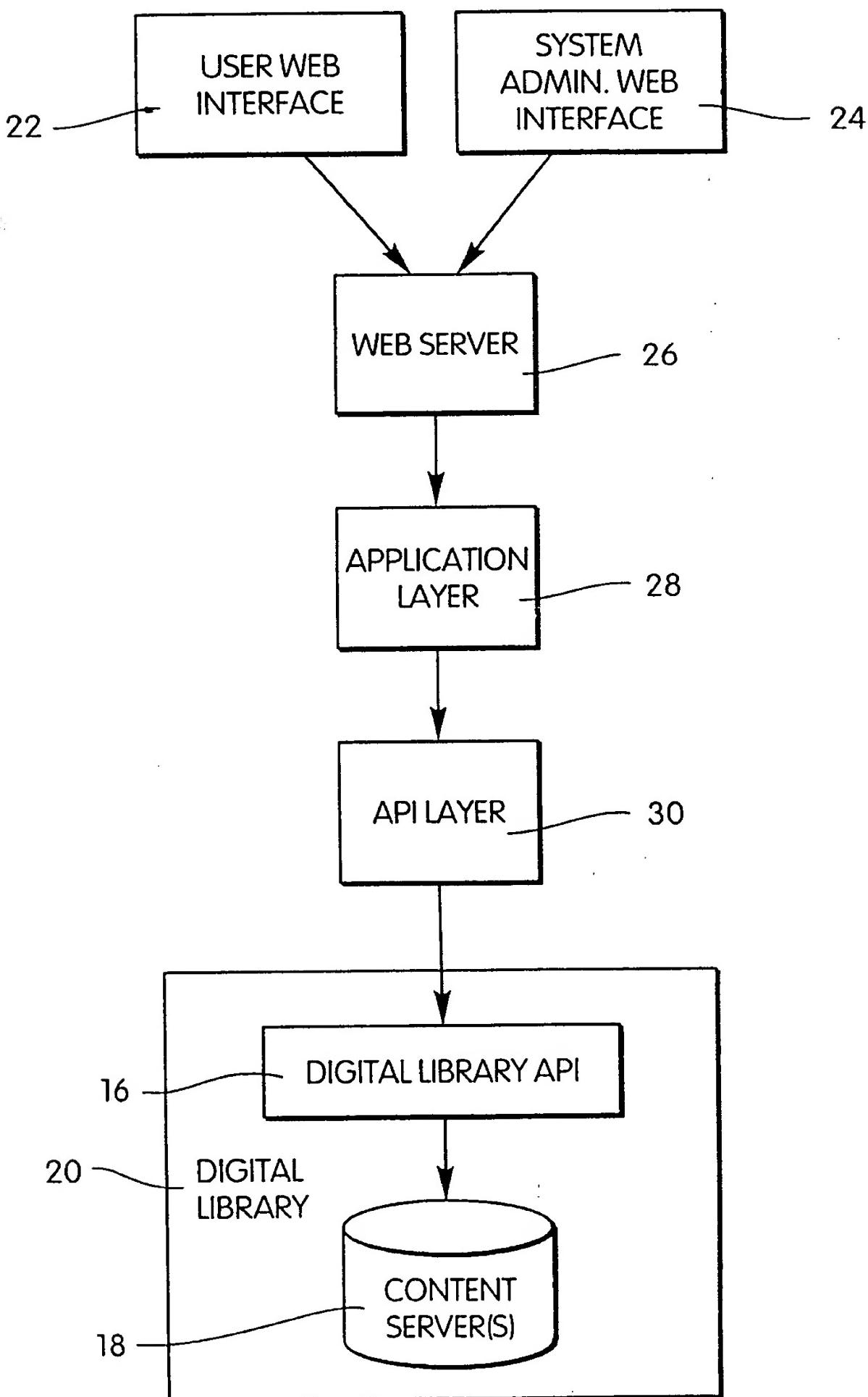


FIG. 6

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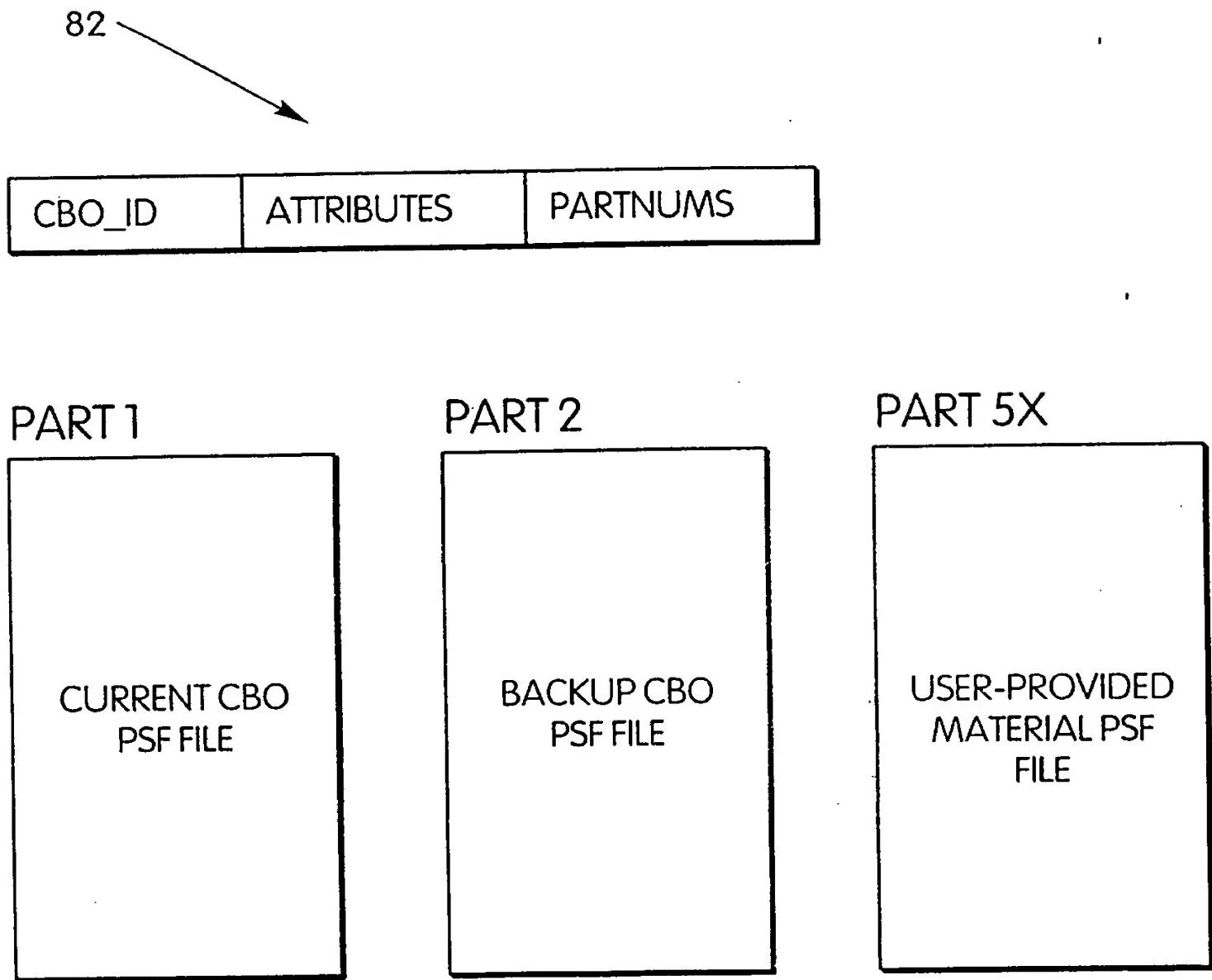


FIG. 7



102

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104
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106
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108
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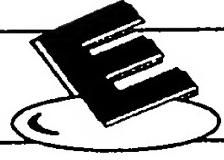
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FIG. 8A

Drawings

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Registration, Page 3 of 3

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* Address Line 2

* Address Line 3

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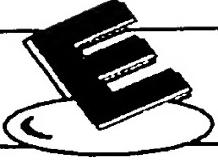
* Secret Word Type
For example : Mothers Maiden Name, City of Birth

* Secret Word

* Secret Word (Verify)

110

FIG. 8B



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Phone:
Secret Word Type: Pet name
Secret Word: *****

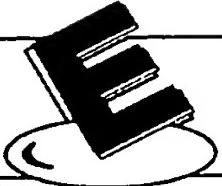
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FIG. 8C



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Department	Body Building
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Your Custom Book Outlines — 113

	My Custom Book Title	Last TS Date	Appr. Status	Request ID
116	New Custom Book	07/27/1999	Rejected	ESOU001051
	Boys don't cry	10/28/2000	Submitted	ESOU001057
	What do you mean?	09/02/1999	Completed	ESOU002051
	Flash, I love you	09/02/1999	Completed	ESOU001058
	He'd save everyone one of us	08/19/1999	Approved	ESOU002009
	12 hours to save the earth	09/23/1999	Completed	ESOU002373
	Holy Smokes Bateman	07/23/1999	Active	N/A
	A Really Really Really Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long	07/23/1999	Active	N/A

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115

118

FIG. 9B



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Book Title	128																						
My New ESource Book created on 12 / 20 / 1999 at 18:47:54	132	134																					
<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Contents</th> <th style="text-align: right; width: 10%;">Price</th> <th style="text-align: right; width: 10%;">Pgs.</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">VOLUME 1</td> <td style="text-align: right; vertical-align: bottom;">130</td> <td style="text-align: right; vertical-align: bottom;">130</td> </tr> <tr> <td style="vertical-align: top;">Table of Contents</td> <td style="text-align: right; vertical-align: bottom;">0.60</td> <td style="text-align: right; vertical-align: bottom;">6</td> </tr> <tr> <td style="vertical-align: top;">Preface</td> <td style="text-align: right; vertical-align: bottom;">0.90</td> <td style="text-align: right; vertical-align: bottom;">9</td> </tr> <tr> <td style="vertical-align: top;">Index</td> <td style="text-align: right; vertical-align: bottom;">0.50</td> <td style="text-align: right; vertical-align: bottom;">5</td> </tr> <tr> <td colspan="3" style="text-align: center; padding-top: 10px;">TOTAL</td> </tr> <tr> <td colspan="3" style="text-align: center; padding-top: 10px;">\$ 2.00 20.0</td> </tr> </tbody> </table>			Contents	Price	Pgs.	VOLUME 1	130	130	Table of Contents	0.60	6	Preface	0.90	9	Index	0.50	5	TOTAL			\$ 2.00 20.0		
Contents	Price	Pgs.																					
VOLUME 1	130	130																					
Table of Contents	0.60	6																					
Preface	0.90	9																					
Index	0.50	5																					
TOTAL																							
\$ 2.00 20.0																							
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Type the name of a chapter you would like to add to this book and press the "Add" button.

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121 Add 123 124

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Change Book ▼ title to Internet Basics

125 127 Add 129 126

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Internet Basics	
{	
128	
}	

Contents	Price	Pgs.
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Index	0.50	5
TOTAL	\$ 2.00	20.0

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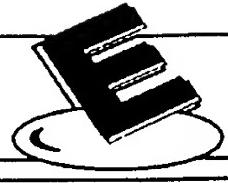
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146	Scott D. James	Price Pgs.*		
Contents				
<input checked="" type="checkbox"/> CHAPTER 1: Introduction to the Internet 141 1.1 History 0.14 1.4 141 1.2 Internet Culture 0.06 0.6 144 1.3 Internet Netiquette 0.16 1.6 145 1.4 Advantages and Disadvantages of the Internet 0.26 2.6 145 1.5 Technical Issues 0.25 2.5	142			
CHAPTER 2: E-Mail and Finding Addresses				
CHAPTER 3: Mailing Lists and UseNet News				
CHAPTER 4: Telnet, FTP, and Locating Files				
CHAPTER 5: Gopher and WAIS				
CHAPTER 6: The World Wide Web and HTML				
CHAPTER 7: Live Communications on the Internet				148
7.1 The Talk Program 0.11 1.1 143 { 7.2 IRC: Internet Relay Chat 0.36 3.6 143 { 7.3 The Future of Live Communications 0.54 5.4				
CHAPTER 8: Java				
CHAPTER 9: Computer Security and the Internet				
CHAPTER 10: Appendix				

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<input checked="" type="checkbox"/> Preface	0.90	9
CHAPTER 1: Introduction to the Internet — 146		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering	0.16	1.6
Spotlight: Computer-Integrated Manufacturing	154	
<input type="checkbox"/> 1.1 History	0.14	1.4
<input type="checkbox"/> 1.2 Internet Culture	0.06	0.6
<input type="checkbox"/> 1.3 General Netiquette	0.16	1.6
<input type="checkbox"/> 1.4 Advantages and Disadvantages of the Internet	0.26	2.6
<input type="checkbox"/> 1.5 Technical Issues	0.25	2.5
<input checked="" type="checkbox"/> Summary/Key Terms — 154	0.02	0.2
CHAPTER 2: Live Communications on the Internet — 148		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering	0.06	0.6
Spotlight: Barcode Technologies	154	
<input type="checkbox"/> 2.1 IRC: Internet Relay Chat	0.36	3.6
<input type="checkbox"/> 2.2 The Future of Live Communications	0.54	5.4
<input checked="" type="checkbox"/> Summary/Key Terms/Problems — 154	0.04	0.4
<input type="checkbox"/> Index	0.50	.5
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FIG. 13

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Your Custom Content Title 158

The Internet Wave

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160

162

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FIG. 14



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Internet Basics	Price	Pgs.	
VOLUME 1			
Table of Contents	0.60	6	
Preface	0.90	9	
CHAPTER 1: Introduction to the Internet			
☒ Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	0.16	1.6	
└ 1.1 History	0.14	1.4	
└ 1.2 Internet Culture	0.06	0.6	
└ 1.3 General Netiquette	0.16	1.6	
└ 1.4 Advantages and Disadvantages of the Internet	0.26	2.6	
└ 1.5 Technical Issues	0.25	2.5	
☒ Summary/Key Terms	0.02	0.2	
CHAPTER 2: Live Communications on the Internet			
☒ Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	0.06	0.6	
└ 2.1 IRC: Internet Relay Chat	0.36	3.6	
└ 2.2 The Future of Live Communications	0.54	5.4	
☒ Summary/Key Terms/Problems	0.04	0.4	
CHAPTER 3: New Chapter			
└ Custom Content: The Internet Wave —164	n/a	0.0	
☒ Index	0.50	.5	
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Using Good Manners o 121 123

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176	Book Title Internet Basics	Price	Pgs.
Contents			
VOLUME 1			
<input checked="" type="checkbox"/>	Table of Contents	0.60	6
<input checked="" type="checkbox"/>	Preface	0.90	9
CHAPTER 1: Introduction to the Internet			
168	<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	0.16	1.6
170	1.1 History	0.14	1.4
166	1.2 Internet Culture	0.06	0.6
172	<input checked="" type="checkbox"/> 1.3 General Netiquette	0.16	1.6
174	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
178	1.5 Technical Issues	0.25	2.5
180	<input checked="" type="checkbox"/> Summary/Key Terms	0.02	0.2
CHAPTER 2: Live Communications on the Internet			
174	<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	0.06	0.6
178	2.1 IRC: Internet Relay Chat	0.36	3.6
180	2.2 The Future of Live Communications	0.54	5.4
180	<input checked="" type="checkbox"/> Summary/Key Terms/Problems	0.04	0.4
CHAPTER 3: New Chapter			
180	Custom Content: The Internet Wave	n/a	0.0
CHAPTER 4: Using Good Manners on the Internet — 165			
<input checked="" type="checkbox"/>	Index	0.50	.5
TOTAL		\$ 9.04	40.5

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Book Title	Price	Pgs.
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Contents		
VOLUME 1		
Table of Contents	0.60	6
Preface	0.90	9
CHAPTER 1: Introduction to the Internet		
Sections/Objectives/Science/Engineering		
Spotlight: Computer-Integrated Manufacturing	0.16	1.6
1.1 History	0.14	1.4
1.2 Internet Culture	0.06	0.6
1.3 General Netiquette	0.16	1.6
1.4 Advantages and Disadvantages of the Internet	0.26	2.6
1.5 Technical Issues	0.25	2.5
Summary/Key Terms	0.02	0.2
CHAPTER 2: Live Communications on the Internet		
Sections/Objectives/Science/Engineering		
Spotlight: Barcode Technologies	0.06	0.6
2.1 IRC: Internet Relay Chat	0.36	3.6
2.2 The Future of Live Communications	0.54	5.4
Summary/Key Terms/Problems	0.04	0.4
CHAPTER 3: New Chapter		
Custom Content: The Internet Wave	n/a	0.0
CHAPTER 4: Using Good Manners on the Internet		
4.1 General Netiquette — 166	0.16	1.6
Index	0.50	.5
TOTAL	\$ 9.04	40.5

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Your Book Snapshot Sections: 20 | Pages: 40.5 | Net Price: US \$ 9.04

Custom Table of Contents

The following is a Sample HTML version of the ESource book you created. Click on any of the titles to view the contents of each section. To see a formatted sample of an ESource book, choose **Sample Books** from the **Library** menu and click on any of the PDF icons.

Internet Basics	
VOLUME 1	
Table of Contents	1
Preface	6
CHAPTER 1: Introduction to the Internet	15
Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	15
1.1 History — 190	16
1.2 Internet Culture	18
1.3 Advantages and Disadvantages of the Internet	18
1.4 Technical Issues	21
Summary/Key Terms	23
CHAPTER 2: Live Communications on the Internet	23
Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	23
2.1 IRC: Internet Relay Chat	24
2.2 The Future of Live Communications	28
Summary/Key Terms/Problems	33
CHAPTER 3: New Chapter	33
Custom Content: The Internet Wave	23
CHAPTER 4: Using Good Manners on the Internet	33
4.1 General Netiquette	33
Index	35

FIG. 18

AMISSARY | Source My Book Outline Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://emissary.prenhall.com/esource/cgi-bin/Display.cgi Go Links

Your Book Snapshot Sections: 4 | Pages: 21.4 | Net Price: US \$ 12.16

To select another Custom Book Outline, or to create new Custom Book Outline, click on the red "CBO" button.

CBO

This is Your Custom Book Outline

Book Title
Student Loans

Contents	Price	Pgs.*
VOLUME 1		
Table of Contents	0.60	6
Preface	0.90	9
CHAPTER 1: New Chapter		
1.1 Guaranteed Ideas	201	203
1.2 Intro. Study Engineering	202	207
Index	206	205
TOTAL	208	\$ 2.16
		21.6

* Approximate

Type the name of a chapter you would like to add to this book and press the "Add" button.

Add new chapter with this title

title **Add**

Select either book or chapter from the drop down list, type a new name in the text box and press the "Change" button to change the title.

Change **Change**

Internet

FIG. 19

AMISSARY | Source My Book Outline Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://emissary.prenhall.com/esource/cgi-bin/Display.cgi Go Links

or to create new Custom Book Outline,
click on the red "CBO" button.

View My Book

View Book

Add 1

My Custom Content to:

Chapter 1

Add Content

Move

Checked Items to:

Up

Move Items

Remove

Checked Items

Remove

Undo

Last Action

Undo Last

Clear

My Book

Clear Book

Submit My Request with Prentice Hall

Submit

This is Your Custom Book Outline

Book Title
Engineering

Contents	Price	Pgs.*
VOLUME 1 — 223		
Table of Contents	0.60	6
Preface	0.90	9
CHAPTER 1: Professionalism and Code of Ethics — 221		
Sections/Objectives — 154	0.07	0.7
1.1 Introduction	0.02	0.2
1.2 Intro. Study Engineering	0.50	5.0
1.3 Code of Ethics	0.07	6.7
Key terms/Problems — 154	0.20	2.0
Index	0.50	5
TOTAL	\$ 13.66	222
		36.6

* Approximate

Type the name of a chapter you would like to add to this book and press the "Add" button.

Add new chapter with this title

title New Chapter Title

Add

Select either book or chapter from the drop down list, type a

Internet

FIG. 20A

AMISSARY | Source My Book Outline Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://emissary.prenhall.com/esource/cgi-bin/Display.cgi Go Links

VIEW BOOK

Book Title			
Engineering			
Contents		Price	Pgs.*
VOLUME 1 — 223			
<input checked="" type="checkbox"/>	Table of Contents	0.60	6
<input checked="" type="checkbox"/>	Preface	0.90	9
<input type="checkbox"/>	CHAPTER 1: Professionalism and Code of Ethics — 221		
<input checked="" type="checkbox"/>	Sections/Objectives	0.07	0.7
<input type="checkbox"/>	1.1 Introduction	0.02	0.2
<input type="checkbox"/>	1.2 Intro. Study Engineering	0.50	5.0
<input type="checkbox"/>	1.3 Code of Ethics	0.07	6.7
<input checked="" type="checkbox"/>	Key terms/Problems	0.20	2.0
<input checked="" type="checkbox"/>	Index	0.50	5
VOLUME 2 — 225			
<input checked="" type="checkbox"/>	Table of Contents	0.60	6
<input checked="" type="checkbox"/>	Preface	0.90	9
<input type="checkbox"/>	CHAPTER 1: Understanding Ethical Problems — 224		
<input checked="" type="checkbox"/>	Sections/Objectives — 154	0.05	0.5
<input type="checkbox"/>	1.1 Introduction — 227	0.03	0.3
<input type="checkbox"/>	1.2 A Brief History of Ethical Problems	0.07	0.7
<input type="checkbox"/>	1.3 Ethical Theories	0.90	9.0
<input checked="" type="checkbox"/>	Key terms/Problems — 154	0.14	1.4
<input checked="" type="checkbox"/>	Index	0.50	5
TOTAL		\$ 16.05	68.5
		226	

Clear Book

Submit My Request with Prentice Hall

Submit

Internet

FIG. 20B

AMISSARY | Source My Book Outline Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://emissary.prenhall.com/esource/cgi-bin/Display.cgi Go Links

	Contents	Price	Pgs.*
VOLUME 1			
<input checked="" type="checkbox"/>	Table of Contents	0.60	6
<input checked="" type="checkbox"/>	Preface	0.90	9
CHAPTER 1: Professionalism and Code of Ethics			
<input checked="" type="checkbox"/>	Sections/Objectives	0.07	0.7
<input type="checkbox"/>	1.1 Introduction	0.02	0.2
<input type="checkbox"/>	1.2 A Engineering Ethics Code	0.50	5.0
<input type="checkbox"/>	1.3 Code of Ethics	0.87	8.7
<input type="checkbox"/>	1.4 Introduction ↗ 227	0.03	0.3
<input checked="" type="checkbox"/>	Key terms/Problems	0.02	2.0
<input checked="" type="checkbox"/>	Index	0.50	5
VOLUME 2			
<input checked="" type="checkbox"/>	Table of Contents	0.60	6
<input checked="" type="checkbox"/>	Preface	0.90	9
CHAPTER 2: Understanding Ethical Problems			
<input checked="" type="checkbox"/>	Sections/Objectives	0.05	0.5
<input type="checkbox"/>	2.1 A Brief History of Ethical Thought	0.07	0.7
<input type="checkbox"/>	2.2 Ethical Theories	0.90	9.0
<input checked="" type="checkbox"/>	Key terms/Problems	0.14	1.4
<input checked="" type="checkbox"/>	Index	0.50	5
TOTAL		\$ 16.05	68.5
* Approximate			
Type the name of a chapter you would like to add to this book and press the "Add" button.			

Submit My Request with Prentice Hall

Submit

Clear Book

Undo Last

Remove

Checked Items to:

Up

Add Content

Move Items

Move

Checked Items to:

Up

Move Items

Remove

Checked Items to:

Remove

Undo

Last Action

Undo Last

Clear

My Book

Clear Book

Submit My Request with Prentice Hall

Submit

Internet

FIG. 20C

AMISSARY | Source My Book Outline Microsoft Internet Explorer

File Edit View Favorites Tools Help

THE PRENTICE HALL ENGINEERING SOURCE

HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | My BOOK OUTLINE | FACULTY RESOURCES | HELP

SEARCH CONTENTS

The Prentice Hall ESource lets you locate the exact material you need by searching through all the contents in our library.

Search All Titles for Indexed Words 231 CBO
study OR skills

AND

Search for Words Found in Chapter Titles 232 CBO
study OR skills

AND

Search for Words Found in Section Titles 233 CBO
study OR skills 234

Examples

Index Terms

Single Word Search Internet

Multiple Word Search Internet Applications

Note: Multiple word searching will return all instances of Internet or Application.

Chapter or Section Titles

Single Word Search Internet

Phrase Search Internet Applications
(optionally) Internet Applications

Multiple Word Search Internet AND Application
using AND

Document Done

FIG. 21A

Drawings
Atty. Dkt. No: A8514 BAER, et al.
USSN: 09/489,605 Allowed: 4/27/05
Art Unit: 2161 Confirmation No.: 6038
Examiner: Cam Linh T. NGUYEN
(202) 293-7060 29/34

The screenshot shows a Microsoft Internet Explorer window displaying the Prentice Hall Engineering Source website. The title bar reads "AMISSARY | Source My Book Outline Microsoft Internet Explorer". The menu bar includes "File Edit View Favorites Tools Help". The main content area features a logo of a book and the text "THE PRENTICE HALL ENGINEERING SOURCE". Below it are links for "HOME", "ABOUT E SOURCE", "REGISTER LOGIN", "LIBRARY", "My Book Outline", "FACULTY RESOURCES", and "HELP". On the left, a sidebar has buttons for "Browse Library", "Search Contents", and "Ready Made Books". It also contains an "ADD Untitled content" section with a "New Chapter" dropdown and an "Add to Book" button. The main content area is titled "SEARCH CONTENTS" and displays "Your Book Snapshot" with "Sections: 4 | Pages: 20.0 | Net Price: US \$ 12.00". The "Search Results" section lists "Engineering Survey" contents:

	Price	Pgs.*
▶ CONTENTS		
▶ □ CHAPTER 2: Introduction to Engineering and Engineering Study		
□ 2.1 What Is Engineering?	0.09	0.9
□ 2.3 Why Choose to Study Engineering?	0.12	12
□ 2.4 Equipping Yourself for Engineering Study	0.24	24
▶ □ CHAPTER 5: Key Strategies for Maximizing Performance in Engineering Courses		
□ 5.7 Using Tutors and Studying	0.16	16
▶ □ CHAPTER 9: Developing Engineering Skills		
□ 9.1 Communication Skills	0.52	52

A "Search Again" button is at the bottom of the results. The browser toolbar at the bottom includes icons for back, forward, search, and other functions.

FIG. 21B

System Administrator Main Menu

Select an option:

- Approve User 251
- Make Products Available 252
- Edit/Review/Approve CBO's 253

FIG. 22A

Approve User

Name	University	Department	Reg. Date
<input type="checkbox"/> Taylor, James	Duke	Electrical Engineering	10/01/99
<input type="checkbox"/> Streisand, Barb	Harvard	Applied Physics	11/05/99
<input type="checkbox"/> Clinton, Bill	Oxford	Physical Sciences	09/10/99
<input type="checkbox"/> Reno, Janet	MIT	Electrical Engineering	01/06/00
<input type="checkbox"/> Taylor, Tim	Stanford	Metalurgy	08/21/99

254 COMMIT 225

FIG. 22B

Make Products Available

- 260
Title
 Engineering Ethics
 Introduction to Digital Design
 Design Theory
 Statistical Analysis

261
262
COMMIT

FIG. 22C

Submitted Custom Books

CBO Title	Owner
<u>Fundamental Engineering Concepts</u>	<u>Taylor, James</u>
<u>Technical Internships: Gaining Hands-On Experience</u>	<u>Bill Clinton</u>
<u>Ethical Dilemmas in the Engineering Field</u>	<u>Al Gore</u>
<u>Basic Study Skills</u>	<u>Al Bundy</u>
<u>Approach to Statistical Methods</u>	<u>Janet Reno</u>

FIG. 22D

281	282	283
Approve	Reject	Return
VOLUME 1: New Custom Book Volume Number 1		
<input checked="" type="checkbox"/> Table of Contents		
<input checked="" type="checkbox"/> Preface		
CHAPTER 1: New Chapter		
Custom Content: New IPM Section		284
IPM Element 1: New IPM Section	285 <input checked="" type="radio"/> Text <input type="radio"/> Code New IPM Section	
		286
<input checked="" type="checkbox"/> 1	Editor's Comments: (none)	288
		287
	CHAPTER 2: Professionalism and Code of Ethics	
<input checked="" type="checkbox"/> Professionalism and Code of Ethics/Sections/Objectives		
2.1 <u>Introduction</u>		
2.2 <u>Is Engineering a Profession?</u>		
2.3 <u>Code of Ethics</u>		
CHAPTER 3: Introduction		
<input checked="" type="checkbox"/> Introduction/Sections/Objectives		
3.1 <u>Background Ideas</u>		
3.2 <u>Why Study Engineering Ethics?</u>		
3.3 <u>Personal vs. Business Ethics</u>		
3.4 <u>The Origins of Ethical Thoughts</u>		

FIG. 22E

Drawings

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USSN: 09/489,605 Allowed: 4/27/05
Art Unit: 2161 Confirmation No.: 6038
Examiner: Cam Linh T. NGUYEN
(202) 293-7060 33/34

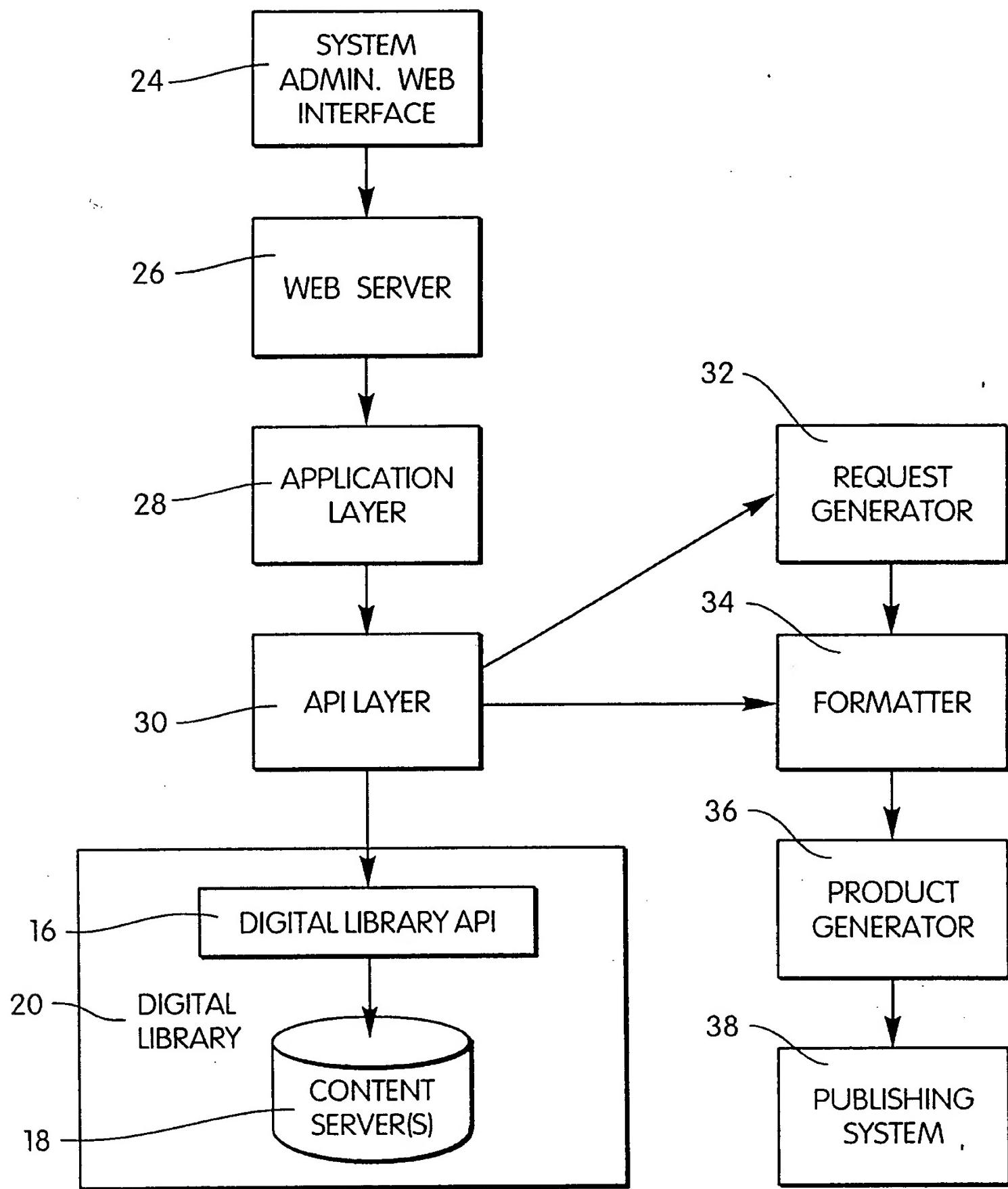


FIG. 23

Drawings

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Art Unit: 2161 Confirmation No.: 6038
Examiner: Cam Linh T. NGUYEN
(202) 293-7060 34/34

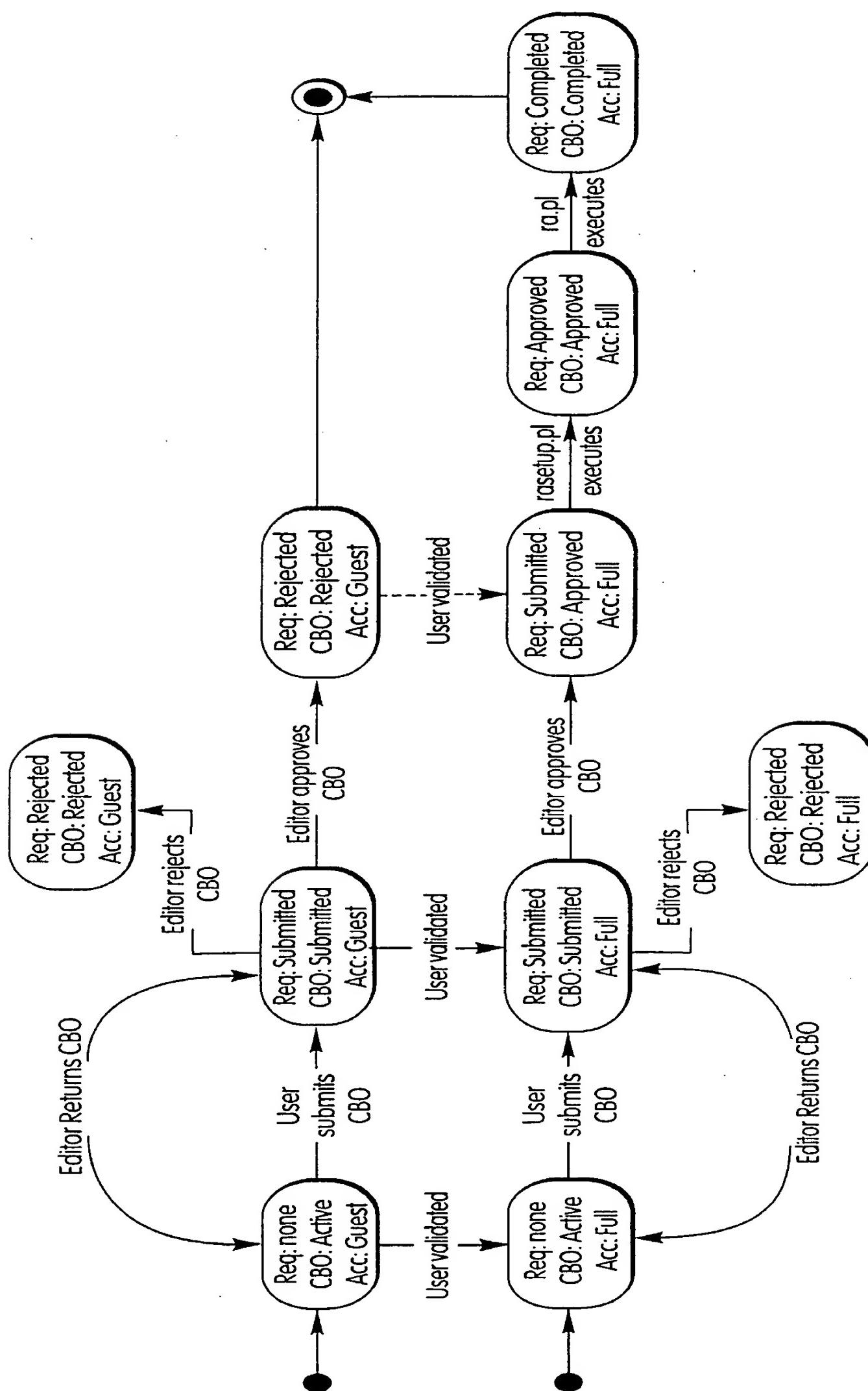


FIG. 24